



The Soap Kitchen (2011) Ltd  
Unit 8, Caddsdon Industrial Park, Clovelly Road,  
Bideford, Devon, EX39 3DX, United Kingdom

Email: enquiries@thesoapkitchen.co.uk  
Call: +44 (0) 1237 420 872

## CERTIFICATE OF ANALYSIS

### ORGANIC SAFFLOWER (THISTLE) OIL

Customer:	The Soap Kitchen	Order No:	-
Quantity:	2 x 25 Kilo drums	Batch No:	KMO2807
Date:	29.04.2020	Code No:	-
Supplier Ref:	00337		

**Description:** A yellow liquid with a typical odour & taste

TEST	SPECIFICATION	ANALYSIS
Colour Lovibond 5.25" Cell	34.0 Yellow maximum	Pass
	3.3 Red maximum	Pass
Specific Gravity @ 20°C	0.918 – 0.924	0.923
Free Fatty Acid (% as oleic)	2.0 maximum	Pass
Iodine Value	135 – 150	146.0
Peroxide Value (meq O <sub>2</sub> /kg)	10.0 maximum	5.3
Unsaponifiable Matter	2.0 maximum	Pass
Saponification Value	188 – 194	192.0
Moisture (%)	0.1 maximum	Pass

FATTY ACID COMPOSITION (%)		
C16:0 Palmitic Acid	4.0 – 10.0	6.7
C18:0 Stearic Acid	1.0 – 5.0	2.4
C18:1 Oleic Acid	8.0 – 21.0	9.6
C18:2 Linoleic Acid	68.0 – 83.0	78.90
C18:3 Alpha Linolenic Acid	0.5 maximum	0.1

Date of Manufacture: April 2020

Date of Expiry: April 2022

This COA is produced electronically therefore no signature is required.